

### **Amendments to the Specification:**

Please replace the paragraph beginning on page 5, about line 9, with the following amended paragraph:

In FIG. 1 a system is depicted for updating an interval clock in a computer. A tuner 102, such as a TV tuner, has an input that receives a real time analog (or digital) television signal 100. A video decoder 104 is operatively coupled to the tuner 102, the video decoder converting the analog television signal 100 to a digital television signal. Where the input television signal is digital, the decoder 104 may be eliminated. A capture engine 106 is operatively coupled to the video decoder 104, the capture engine 106 converts the digital television signal to display data, as known in the art, in a frame buffer 108. The frame buffer 108 has a frame buffer [[116]]110 for the even field of the television signal, and a frame buffer 112 for the odd field of the television signal. A decoder, such as a vertical blanking interval decoder (or PSIP decoder for digital TV) 114 is operatively coupled to the frame buffer [[110]]108. The vertical blanking interval decoder 114 (or PSIP decoder) derives information (i.e., digital information) data from the EDS or PSIP data that is indicative of information stored in a vertical blanking interval of the television signal or PSIP data payload, respectively. An extraction module 116 is operatively coupled to the vertical blanking interval decoder 114 (PSIP decoder), the extraction module 116 extracts at least time stamp information and channel identification information from the information data. A validating unit 118 is operatively coupled to the extraction module 116, the validating unit 118 compares channel identification data derived from the information data to time zone data in the computer. The time zone data is indicative of a time zone in which the computer is currently located. An update module 120 is operatively coupled to the extraction module and validation module 118, the update module 120 updates the clock in the computer

when a current value of the current time value of the display data differs from a current value of the clock in the computer and when the comparison indicates that a station identified by the channel identification data is in the same time zone as the computer. The clock can be updated based on numerous different criteria. For example, the clock can be updated when the current time value of the display data differs by a predetermined amount from a current value of the clock in the computer. Alternatively, the clock can be updated when its value is not equal to the current time value of the display data, that is the current time as contained in the real time television signal.

Please replace the paragraph beginning on page 7 with the following amended paragraph:

An alternative embodiment of the present invention that employs optical character recognition to obtain at least the current time as opposed to obtaining the information from the vertical blanking information is depicted in FIG. 2. In this embodiment a system for updating an interval clock in a computer has a tuner 202 having an input that receives a real time analog television signal 200. A video decoder 204 is operatively coupled to the tuner 202 and converts the analog television signal 200 to a digital television signal that is converted by a capture engine 206 to display data. The other components of the computer are grouped generally as process image data system 208, which processes the display data from the capture engine 206 and displays corresponding images on a display 210. An extraction module 212 is operatively coupled to the process image data system 208, the extraction module 212 having optical character recognition capability for extracting at least current time information from the display data. In particular, the extraction module 212 has module 214 for selecting an area of the display image. For example, this may be a timebox that is displayed on the display 210. The timebox

contains the current time and is derived from the time stamp information contained in the real time television signal. A capture engine 216 converts the time displayed in the timebox to a format, which is readable by an optical character recognition module 218.

Please replace the paragraph at the bottom of page 7 with the following amended paragraph:

An update module 222 is operatively coupled to the extraction module 212, and the update module 222 updates the clock in the computer when a current value of the current time value of the display data differs from a current value of the clock in the computer. No validation module is needed in this case because the user has made a conscious decision to select the time stamp from the screen. In this embodiment, the selected time stamp from the screen is selected by the input data selection module 214 which is then captured by the capture image module 216 and interpreted by the OCR module 218. The selected time stamp is compared by the update module 222 with the current time value of the electronic device being considered. As described above, the clock is updated when the current time value of the display data (selected time stamp) is not equal to or differs by a predetermined amount from a current value of the clock in the electronic equipment.